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United States Department of Agriculture,

BUREAU OF ANIMAL INDUSTRY.

JOHN R. MOHLER, CHIEF OF BUREAU.

SERVICE AND REGULATORY ANNOUNCEMENTS.

DECEMBER, 1918.

[This publication is issued monthly for the dissemination of information, instructions, rulings, etc., concerning the work of the Bureau of Animal Industry. Free distribution is limited to persons in the service of the bureau, establishments at which the Federal meat inspection is conducted, public officers whose duties make it desirable for them to have such information, and journals especially concerned. Others desiring copies may obtain them from the Superintendent of Documents, Government Printing Office, Washington, D. C., at 5 cents each, or 50 cents a year. A supply will be sent to each official in charge of a station or branch of the bureau service, who should promptly distribute copies to members of his force. A file should be kept at each station for reference.]

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INSPECTION AND TESTING OF ANIMALS FOR CANADA.

The following changes have been made in the list of practicing veterinarians registered by the bureau and authorized to inspect and test with mallein horses, mules, and asses intended for export to Canada:

Name Added to List.

Dr. Charles H. Hart, Hankinson, N. Dak.

Name Removed from List.

Dr. J. A. Bovett, Chicago, Ill.

FOREIGN OFFICIALS AUTHORIZED TO SIGN INSPECTION CERTIFICATES FOR MEAT AND PRODUCTS FOR IMPORTATION INTO THE UNITED STATES.

The authority of the following persons to sign and issue certificates of inspection for meat and meat food products offered for importation into the United States has been revoked and their names removed from the list:

W. G. Bentham, Toronto, Canada.

Raoul Racicot, Toronto, Canada.

J. N. Ellah, Toronto, Canada.

H. H. Ross, Toronto, Canada.

ANIMALS SLAUGHTERED UNDER FEDERAL MEAT INSPECTION, NOVEMBER, 1918.

Station.	Cattle.	Calves.	Sheep.	Goats.	Swine.
Chicago.....	283,667	36,246	437,013	2,214	890,068
Fort Worth.....	67,372	36,384	6,999	2,964	47,931
Kansas City.....	179,374	39,142	63,016	8,381	420,601
National Stock Yards.....	74,041	11,293	32,775	2,832	189,802
Omaha.....	101,470	9,483	116,426	48	219,505
St. Louis.....	25,426	3,025	4,041	291	133,859
Sioux City.....	35,757	2,264	33,914	147	122,504
South St. Joseph.....	59,536	6,069	43,637	42	215,077
All other establishments.....	407,112	128,070	401,571	1,787	2,040,105
Total: November, 1918.....	1,233,755	271,976	1,139,392	18,706	4,279,452
November, 1917.....	1,098,796	280,910	763,781	22,835	3,042,827
11 months ended November, 1918.....	10,613,984	3,240,412	8,976,775	143,724	34,728,893
11 months ended November, 1917.....	9,347,512	2,926,791	8,536,195	149,430	30,187,105

IMPORTS OF FOOD ANIMALS AND OF MEATS AND MEAT FOOD PRODUCTS.

The statements following show the imports of food animals and of meats and meat food products inspected by the Bureau of Animal Industry during November, 1918, with figures for other periods for comparison.

Imports of food animals.

Country of export.	Cattle.	Swine.	Sheep.	Goats.
Mexico.....	12,565	.....	480	4,201
Canada.....	50,739	2,219	30,636	.....
Total: November, 1918.....	63,304	2,219	31,116	2,401
November, 1917.....	41,694	3,587	30,332	1,240
11 months ended November, 1918.....	327,364	7,139	148,716	32,095
11 months ended November, 1917.....	324,148	14,025	179,681	21,126

Imports of meats and meat food products.

Country of export.	Fresh and refrigerated.		Canned and cured.	Other products.	Total weights.
	Beef.	Other.			
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Argentina.....	.....	.....	18,105,254	10	18,105,264
Australia.....	.....	.....	66	.....	66
Brazil.....	.....	.....	1,513,056	.....	1,513,056
Canada.....	2,024,058	312,207	538,376	5	2,874,646
Uruguay.....	.....	.....	1,601,216	.....	1,601,216
Other countries.....	762,715	.....	.....	.....	762,715
Total: November, 1918.....	2,786,773	312,207	21,757,968	15	24,856,963
November, 1917.....	5,942,768	421,770	1,463,006	3,801,435	11,628,979
11 months ended November, 1918.....	14,982,658	2,857,698	83,936,719	6,259,683	108,036,763
11 months ended November, 1917.....	16,014,853	2,742,531	8,559,447	7,916,775	42,233,606

Condemned in November, 1918: Beef, 17,280 pounds; pork, 3,027 pounds.

ROLL OF HONOR.

The following are the names of former bureau employees who were granted leave to enter the military service of the United States and who have since died while in that service. Their names are recorded as an addition to those published in Service and Regulatory Announcements for November, 1918, page 96:

Arthur T. Harris, of the District of Columbia, laboratory assistant, appointed in the bureau on February 16, 1917, entered the military service May 21, 1917, and was lost with the U. S. S. *Tampa*, which was sunk in the Bristol Channel September 26, 1918.

Harold L. Campbell, of Missouri, stenographer and typewriter, appointed in the bureau on May 2, 1917, entered the military service December 16, 1917, and died of pneumonia while on foreign duty August 2, 1918.

LEAVE ALLOWED ON SEPARATION FROM THE SERVICE.

By order of the Secretary of Agriculture paragraph 46 of the Administrative Regulations is hereby amended to read as follows, effective December 1, 1918:

On separation from the department by resignation, transfer, or any other termination of appointment without prejudice, employees may, in meritorious cases, be granted accrued leave at the rate of 2½ days for each month of service since the first of the calendar year for employees in the District of Columbia and 1½ days for employees outside of the District of Columbia, except in such field offices as enjoy equal privileges under the law with employees in the District of Columbia. As a rule more than accrued leave will not be granted at the time of such separation, but the Secretary will consider a recommendation for the waiver of his limitation when the employee concerned has been in the executive civil service for three years or more, or when there are especially meritorious reasons why an exception should be made.

Whether employees dismissed from the service for cause shall be allowed accrued leave is a matter to be determined by the Secretary, upon the recommendation of the chief of bureau concerned, according to the circumstances in each case. An employee dismissed from the service for cause may be required, in the discretion of the Secretary, to make refund from his salary for leave already taken in excess of accrued leave.

LICENSES FOR VETERINARY BIOLOGICAL PRODUCTS.

Licenses for the manufacture of veterinary biological products have been issued as follows for the year 1919, under the act of Congress of March 4, 1913 (37 Stat., 832), and the regulations made thereunder (B. A. I. Order 196 and amendment):

License No.	Date.	Name and address of firm.	Products.
1	1918. Dec. 31	National Vaccine and Antitoxin Institute, 1515 U Street NW., Washington, D. C.	Tetanus antitoxin; tuberculin.
2	Dec. 20	The Eagle Biological & Supply Co., Third Street and Central Avenue, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
2-A	Dec. 20	The Eagle Biological & Supply Co., 1845 Hickory Street, Oklahoma, Okla.	Do.
4	Dec. 30	The Abbott Laboratories, 4739 Ravenswood Avenue, Chicago, Ill.	Antidistemper serum (canine); autogenous bacterin; bacillus abortus bacterin (bovine); bacillus suis septicus bacterin; blackleg vaccine; canine-distemper bacterin (mixed); hemorrhagic-septicemia bacterin (bovine); joint-ill mixed bacterin (equine); mixed-infection bacterin (canine); polyvalent mixed bacterin (equine); staphylo-bacterin (canine); streptococcus-mastitis bacterin (bovine); strepto-bacterin (equine); white-scur mixed bacterin (bovine).
6	Dec. 20	Pitman-Moore Co., near Zionsville, Ind...	Antihog-cholera serum; hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for swine); hog-cholera virus.
7	Dec. 20	Midwest Serum Co., 4901 South Third Street, Omaha, Nebr.	Antihog-cholera serum; hog-cholera virus.

License No.	Date.	Name and address of firm.	Products.
9	1918. Dec. 31	Lederle Antitoxin Laboratories, Middletown Road, Pearl River, N. Y.	Abortion bacterin (bovine); abortion vaccine (bovine); anthrax spore vaccine; antianthrax serum; antiblackleg serum; antihemorrhagic-septicemia serum (bovine); anti-influenza serum (equine); antiwhite-scur serum (bovine); blackleg filtrate; blackleg vaccine; canine-distemper mixed vaccine; colon vaccine (equine); equine-influenza mixed vaccine; hemorrhagic-septicemia combined vaccine (for cattle); hemorrhagic-septicemia combined vaccine (for sheep); hemorrhagic-septicemia combined vaccine (for swine); mallein; mixed bacterial vaccine (equine); mixed bacterial vaccine (for swine); rabies vaccine; staphylococcus combined vaccine (equine); streptococcus combined vaccine (equine); tetanus antitoxin; tuberculin.
10	Dec. 20	The Wichita & Oklahoma Serum Co., Wabash and Twenty-first Streets, Wichita, Kans.	Antihog-cholera serum; hog-cholera virus.
11	...do.....	Sioux Falls Serum Co., 2000 Wabash Avenue, Sioux Falls, S. Dak.	Do.
12	...do.....	The Royal Serum Co., Adams and Osage Streets, Kansas City, Kans.	Do.
13	Dec. 23	Omaha Serum Co., near Omaha, Nebr....	Do.
17	Dec. 30	Beebe Laboratories (Inc.), 161-163 West Third Street, St. Paul, Minn.	Abortion vaccine mixed (bovine); anticalf-scur serum; anticanine-distemper serum; anti equine-influenza serum; calf-scur vaccine (mixed); canine-distemper vaccine (mixed); hemorrhagic-septicemia vaccine (for cattle); hemorrhagic-septicemia vaccine (for sheep); hemorrhagic-septicemia vaccine (for swine); mallein; mastitis vaccine mixed (for cattle); navel-ill vaccine mixed (for colts); normal horse serum; polyvalent vaccine mixed (equine); tetanus antitoxin; tuberculin.
18	Dec. 20	The Stock Yards Serum Co., 211 Central Avenue, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
21	Dec. 26	Continental Serum Laboratories Co., Isette Avenue and Bidwell Road, Muscatine, Iowa.	Abortus bacterin (bovine); anti-influenza bacterin mixed (equine); autogenic bacterin; blackleg filtrate; blackleg vaccine; blackleg virus; colon bacterin (bovine); hemorrhagic-septicemia bacterin (for cattle); hemorrhagic-septicemia bacterin (for sheep); hemorrhagic-septicemia bacterin (for swine); mastitis bacterin mixed (bovine); navel-ill mixed bacterin (equine); polyvalent bacterin mixed (equine); mixed-infection bacterin (bovine); mixed-infection bacterin (swine).
23	Dec. 20	The Missouri Valley Serum Co., 50 North Second Street, Kansas City, Kans.	Antihog-cholera serum; hog-cholera virus.
24	...do.....	Sihler Serum Co., 208 Central Avenue, Kansas City, Kans.	Do.
25	...do.....	Interstate Vaccine Co., 58 Greystone Avenue, Kansas City, Kans.	Do.
26	...do.....	Kaw Valley Serum Co., Greystone Avenue and Perry Street, Kansas City, Kans.	Do.
27	...do.....	The Simonson Serum Farm, near Hooper, Nebr.	Do.
30	...do.....	Kansas Serum Co., corner Noon and Green Streets, Manhattan, Kans.	Do.
32	...do.....	The Standard Serum Co., 11 South Second Street, Kansas City, Kans.	Do.
34	Dec. 23	Peters National Serum Co., northwest corner South Second and Myers Avenue, Kansas City, Kans.	Do.
37	Dec. 20	Sioux City Serum Co., 1319 Bluff Road, Sioux City, Iowa.	Do.
39	...do.....	Purity Biological Laboratories, south o. Chicago Street, between C. & N. W. Ry. tracks and Missouri River, Sioux City, Iowa.	Do.
39-A	Dec. 23	Purity Biological Laboratories, corner Chambers and Chicago Streets, Sioux City, Iowa.	Blackleg aggressin; blackleg filtrate; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (bovine); mixed vaccine (for swine)
40	Dec. 31	Cedar Rapids Serum Co., 123 Twenty-third Avenue West, Cedar Rapids, Iowa.	Antihog-cholera serum; hog-cholera virus.

License No.	Date.	Name and address of firm.	Products.
41	1918. Dec. 26	Kinsley Laboratories, rooms 401-403 New Center Building, Fifteenth and Troost Streets, Kansas City, Mo.	Antiabortion bacterin (bovine); anti-white-scur mixed bacterin (bovine); autogenous bacterin; canine-distemper bacterin; colon bacterin (bovine); mixed bacterin (swine); polyvalent mixed bacteria (equine); staphylococcus combined bacterin (canine); streptococcus bacterin (equine); swine-plague bacterin.
48	Dec. 20	The Swine Breeders' Pure Serum Co., near Thornton, Ind.	Antihog-cholera serum; hog-cholera virus.
52	...do....	The Cutter Laboratory, Fourth and Parker Streets, Berkeley, Cal.	Do.
52	Dec. 31	The Cutter Laboratory, Seventh and Dwight Way, Sixth and Grayson Streets, Berkeley, Cal.	Anthrax vaccine; anthrax spore vaccine; antianthrax serum; antirblackleg serum; anticalc-scour serum; anticanine-distemper serum; antihemorrhagic-septicemia serum (bovine); autogenous vaccine; blackleg aggrassin; blackleg filtrate; blackleg vaccine; calf-scour mixed vaccine; canine-distemper vaccine; canine-distemper mixed vaccine; hemorrhagic-septicemia vaccine (bovine); hemorrhagic-septicemia vaccine (sheep); hemorrhagic-septicemia vaccine (swine); influenza mixed vaccine (equine); mallein; mastitis mixed vaccine (bovine); mixed-infection vaccine (swine); navel-ill mixed vaccine (equine); pneumonia mixed vaccine (equine); polyvalent mixed vaccine (equine); staph-strep-coli vaccine (equine); streptococcic vaccine (equine); tetanus antitoxin; tuberculin.
56	Dec. 20	The Southwestern Serum Co., Twenty-first and Lawrence Streets, Wichita, Kans.	Antihog-cholera serum; hog-cholera virus.
61	...do....	Guilfoil Serum Co., 18-22 North Second Street, Kansas City, Kans.	Do.
63	...do....	The Eli Lilly & Co., 210 East McCarty Street, Indianapolis, Ind.	Rabies virus; tetanus antitoxin.
67	...do....	Shelton Serum Co., Shelton, Nebr.	Antihog-cholera serum; hog-cholera virus.
68	...do....	J. McI. Phillips, 2057 North High Street, Columbus, Ohio.	Rabies vaccine.
69	...do....	Southern Serum Co., Springfield Road, West Plains, Mo.	Antihog-cholera serum; hog-cholera virus.
70	...do....	The St. Joseph Veterinary Laboratories, 1502 Garfield Avenue, St. Joseph, Mo.	Do.
72	...do....	Central Missouri Serum Co., East Eastwood Avenue, Marshall, Mo.	Do.
74	...do....	Ralston Serum Co., Seventy-seventh Street and Serum Avenue, Ralston, Nebr.	Do.
75	Dec. 31	Dr. Chas. L. Rea Serum Co., Lyons Avenue and Water Street, Kansas City, Kans.	Do.
77	Dec. 20	Corn Belt Serum Co., 215 Winstanley Avenue, East St. Louis, Ill.	Do.
78	...do....	Regents, University of California, foot of Sixty-sixth Street, Oakland, Cal.	Do.
83	...do....	E. R. Squibb & Sons, Georges Road, New Brunswick, N. J.	Anticanine-distemper serum; anti-equine-influenza serum; antihog-cholera serum; antirabic virus; canine distemper vaccine; mallein; tetanus antitoxin; tuberculin.
84	...do....	Grain Belt Supply Co., 3215 L Street, Omaha, Nebr.	Antihog-cholera serum; hog-cholera virus.
85	...do....	The Western Laboratories, French Camp, Cal.	Do.
91	...do....	Gregory Farm Laboratory, White Hall, Ill.	Do.
99	...do....	The Corn States Serum Co., 4420 U Street, Omaha, Nebr.	Do.
102	...do....	The Lathrop Serum Co., Lathrop, Mo.	Do.
103	...do....	Fowler Serum Co., 335 North James Street, Second Street and Splitlog Avenue, Kansas City, Kans.	Do.
104	Dec. 21	Swan-Myers Co., 219 North Senate Avenue, Indianapolis, Ind.	Abortion bacterin (bovine); bovine hemorrhagic-septicemia bacterin; canine-distemper bacterin (mixed); equine-colon bacterin; equine-influenza bacterin (mixed); equine-pneumonia bacterin (mixed); equine staphylococcus aureus and albus bacterin; mixed-infection bacterin (for swine); navel-infection mixed bacterin (equine); polyvalent mixed bacterin (equine); swine-plague bacterin; white-scur mixed bacterin (bovine).

License No.	Date.	Name and address of firm.	Products.
107	1918. Dec. 20	Jensen-Salsbery Laboratories (Inc.), 1320 Main Street, Kansas City, Mo.	Antiequine-influenza bacterin (mixed); autogenous bacterin; blackleg vaccine; bovine-abortion bacterin; canine-distemper bacterin (mixed); colon bacterin (equine); equine-abortion bacterin; hemorrhagic-septicemia bacterin (avian); hemorrhagic-septicemia bacterin (bovine); hemorrhagic-septicemia bacterin (equine); hemorrhagic-septicemia bacterin (ovine); mallein; mixed bacterin (canine); mixed-infection bacterin (swine); navel-ill mixed bacterin (equine); pneumonia mixed bacterin (equine); polyvalent mixed bacterin (equine); staphylococcus bacterin (canine); streptococcus bacterin (equine); streptococcus-mastitis bacterin (bovine); swine-plague bacterin; tuberculin; white-scour mixed bacterin (bovine).
108	...do.....	Universal Serum Co., 101 St. Clair Avenue, East St. Louis, Ill.	Antihog-cholera serum; hog-cholera virus.
110	...do.....	American Serum Co., 2117 Leech Street, Sioux City, Iowa.	Do.
111	...do.....	Blue Cross Serum Co., Superior, Nebr....	Do.
112	...do.....	Fort Dodge Serum Co., near Fort Dodge, Iowa.	Do.
113	...do.....	Bureau of Laboratories, department of health, foot of East Sixteenth Street, New York City, N. Y.	Tetanus toxin.
114	...do.....	White Serum Co., 1317-1319 Adams Street, Nashville, Tenn.	Antihog-cholera serum; hog-cholera virus.
115	...do.....	The Denver Hog Ranch Co., 5030 York Street, Denver, Colo.	Do.
116	Dec. 26	Ottumwa Serum Co., Ottumwa, Iowa....	Do.
117-A	Dec. 20	The Kansas Blackleg Serum Co., Second and Munroe Streets North, Amarillo, Tex.	Blackleg aggrassin.
119	...do.....	The Gilliland Laboratories, Willow Avenue, Ambler, Pa.	Antirabic vaccine; tuberculin.
120	...do.....	The United States Blackleg Serum Co., 3500 West Tenth Street, Oklahoma, Okla.	Blackleg aggrassin.
124	...do.....	Anchor Serum Co., South St. Joseph, Mo..	Antihog-cholera serum; hog-cholera virus.
125	...do.....	Aurora Serum Co., Aurora, Ill.....	Do.
126	...do.....	Hamilton Chemical Co., near Noblesville, Ind.	Do.
127	...do.....	Liberty Laboratories, Seventy-seventh and Serum Streets, Ralston, Nebr.	Do.
129	...do.....	The Eagle Laboratories, Sixth Street and Minnesota Avenue, Kansas City, Kans.	Autogenous vaccine; contagious-abortion bacterin (bovine); equine-influenza bacterin (mixed); hemorrhagic-septicemia combined bacterin (bovine); mixed-infection bacterin (bovine); mixed-infection bacterin (equine); mixed-infection bacterin (swine); staphylococcus bacterin (bovine); staphylococcus bacterin (equine); staphylococcus bacterin (swine); swine-plague bacterin.
130	...do.....	The E. R. Alexander Clear Serum Co., Grand Avenue and Twenty-first Street, Kansas City, Mo.	Antihog-cholera serum.
131	Dec. 23	The Fostoria Serum Co., Columbus Avenue, Fostoria, Ohio.	Antihog-cholera serum; hog-cholera virus.
133	Dec. 31	The National Vaccine and Serum Co., 501 East Las Vegas Street, Colorado Springs, Colo.	Abortion bacterin (bovine); blackleg aggrassin; blackleg filtrate.
134	Dec. 30	Dr. D. L. Harris's Laboratory, 703-706 Metropolitan Building, Grand and Olive Streets, St. Louis, Mo.	Rabies vaccine.

SUMMARY OF TUBERCULOSIS-ERADICATION WORK IN COOPERATION
WITH THE VARIOUS STATES, NOVEMBER, 1918.

Station.	State.	Tuberculin tests.					Em- ployees.		Inspector in charge.
		Lots or herds.	Cattle tested.	Reacted.	Slaughtered.	Increase in num- ber tested over previous month.	Bureau.	State.	
Albany, N. Y.	New York	11	398	5	21	78	1	1	Dr. H. B. Leonard.
Atlanta, Ga.	Georgia	15	789	21	14	256	2	1	Dr. W. M. MacKellar.
Birmingham, Ala.	Alabama	313	1,396	25	2	17	7	1	Dr. R. E. Jackson.
Boston, Mass.	Maine	31	340	6	6	.....	2	2	Dr. E. A. Crossman.
	Massachusetts	11	386	16	28	.....	3	.....
	Rhode Island	1	2	2	.....	.....	1	.....
	New Hampshire	4	81	3	.....	.....	1	.....
	Connecticut	8	187	23	11	148	1	.....
Chicago, Ill.	Illinois	59	1,250	81	98	40	5	2	Dr. J. J. Lintner.
Columbia, S. C.	South Carolina	10	253	8	37	.....	1	1	Dr. W. K. Lewis.
Denver, Colo.	Colorado	2	10	3	.....	.....	.....	.....	Dr. W. E. Howe.
	Wyoming	529	2,944	11	.....	2,858	1	1	
Des Moines, Iowa	Iowa	12	502	34	4	248	3	2	Dr. F. H. Thompson.
Harrisburg, Pa.	Pennsylvania	27	233	8	2	.....	1	2	Dr. P. E. Quinn.
Indianapolis, Ind.	Indiana	22	702	11	20	32	9	5	Dr. J. E. Gibson.
	Wisconsin	13	428	4	.....	126	2	5	
	Kentucky	24	431	11	2	198	4	3	
	Ohio	33	376	26	8	.....	5	5	
Jackson, Miss.	Mississippi	77	706	12	16	254	3	.....	Dr. J. A. Barger.
Kansas City, Kans.	Kansas	22	1,061	80	.....	980	.....	.....	Dr. T. J. Eagle.
Lansing, Mich.	Michigan	19	606	24	14	.....	4	1	Dr. T. S. Rich.
Nashville, Tenn.	Tennessee	26	1,109	33	20	519	4	1	Dr. W. B. Lincoln.
New Orleans, La.	Louisiana	22	586	33	15	386	2	.....	Dr. R. W. Tuck.
Omaha, Nebr.	Nebraska	7	105	.....	16	.....	4	1	Dr. H. Busman.
Portland, Oreg.	Oregon	14	223	6	.....	.....	1	1	Dr. S. B. Foster.
	Washington	6	803	5	2	654	1	3	
Richmond, Va.	Virginia	60	1,293	31	31	10	7	1	Dr. R. E. Brookbank.
	North Carolina	21	349	1	2	.....	2	1	
St. Albans, Vt.	Vermont	56	1,575	197	141	844	6	3	Dr. A. J. De Fosset.
St. Paul, Minn.	Minnesota	29	1,164	26	.....	.....	10	4	Dr. W. J. Fretz.
	Do	54	1,043	99	.....	.....	.....	.....
	Montana	28	689	17	.....	.....	2	4	
	North Dakota	50	636	19	.....	14	2	5	
	South Dakota	16	440	14	.....	110	1	2	
Salt Lake City, Utah	Utah	25	252	5	.....	.....	4	2	Dr. F. E. Murray.
	Idaho	6	223	2	.....	176	1	.....
Tallahassee, Fla.	Florida	9	201	1	1	14	3	1	Dr. J. G. Fish.
Trenton, N. J.	New Jersey	3	393	3	3	290	1	.....	Dr. W. G. Middleton.
	Delaware	3	308	10	.....	243	.....	.....
Washington, D. C.	District of Columbia	12	98	3	3	41	1	.....	Dr. J. A. Kiernan.
	Maryland	33	401	114	94	.....	5	.....
	Miscellaneous	13	32	.....	.....	.....	1	.....
Total		1,739	24,994	1,033	611	.....	115	61	

NOTE.—The first line of Minnesota is accredited herds, the second, area work.

STATUS OF TICK ERADICATION IN VARIOUS STATES, NOVEMBER, 1918.

State.	Dipped.		Sprayed.		Amount of infection.		Square miles being worked.	B. A. I. inspectors.	State inspectors.	County inspectors.	Vats available.
	Herds.	Cattle.	Herds.	Cattle.	Herds.	Cattle.					
Alabama.....	29,086	235,925	.....	.....	125	2,510	40,918	23	23	171	5,762
Arkansas.....	14,964	92,471	.....	.....	2,036	10,966	17,763	42	6	26	3,030
Florida.....	488	85,983	.....	.....	416	85,612	50,032	16	41	27	878
Georgia.....	8,103	100,099	252	1,582	90	301	32,987	23	23	81	1,870
Louisiana.....	115,645	946,409	.....	.....	4,711	17,601	45,059	54	34	408	4,401
Mississippi.....	27,938	287,210	.....	.....	220	933	35,095	26	18	210	5,863
North Carolina.....	453	2,358	645	2,536	507	2,537	10,901	14	23	3	482
Oklahoma.....	30,342	323,963	128	2,213	619	12,561	25,424	17	19	72	1,077
South Carolina.....	56	4,865	96	1,518	17	85	15,811	19	7	.....	786
Texas (Fort Worth).....	7,086	169,971	.....	.....	301	11,203	56,372	30	27	65	2,668
Texas (Houston).....	4,766	119,990	.....	.....	1,821	50,273	34,391	24	2	13	900
Total.....	238,927	2,369,244	1,121	7,849	10,863	194,582	364,762	288	223	1,076	27,717

RESULTS OF PROSECUTIONS FOR VIOLATION OF LAWS.

Penalties have been imposed in prosecutions for violations of regulatory laws, as reported to the bureau, as follows:

Live-Stock Quarantine Law.

W. R. Sullivan, H. M. Warfield, and L. M. Williams, receivers of Georgia & Florida Railway, \$100 fine.

Gulf, Colorado & Santa Fe Railway, \$100 fine and \$9.65 costs.

C. E. Schaff, receiver of Missouri, Kansas & Texas Lines (5 cases), \$500 fines.

L. Southlin, \$100 fine.

J. F. Findlay, \$100 fine.

J. W. Leigh, \$100 fine.

Mobile & Ohio Railroad (5 cases), \$500 fines and \$73.10 costs.

Twenty-Eight-Hour Law.

Louisville & Nashville Railroad, \$100 fine and \$93.90 costs.

Wabash Railway, \$100 fine and \$13.55 costs.

Norfolk & Western Railway (4 cases), \$400 fines and \$11.25 costs.

NEW FORM T-12 REPORT.

The bureau has prepared a new Form T-12 report, which will facilitate reporting the use of scrip and must be followed exclusively. This form should be used in preference to the one given on page 76 of Service and Regulatory Announcements for September, 1918.

Statement of scrip detached from Book No. 3191, issued by the S. A. L. R. R., Form U. S. S., purchased in the name of J. B. Smith and used by J. B. Smith during December, 1918.

Furnish all information called for below and submit this report in duplicate.

Date.	Stations.		Railroad.	Coupon numbers.		Amount of coupons detached.	
	From—	To—		From—	To—	3¢ cpns.	1¢ cpns.
1	Previously carried forward.					93	.....
19	Tallahassee, Fla.....	Jacksonville and return.	S. A. L. . .	96	846	7.53	.....
20	do.....	Live Oak, Fla.....	S. A. L. . .	849	1,101	2.55	.....
23	Live Oak, Fla.....	Newberry, Fla.....	A. C. L. . .	1,104	1,293	1.92	.02
23	Newberry, Fla.....	Live Oak, Fla.....	A. C. L. . .	1,296	1,473	1.80	.....
23	Live Oak, Fla.....	Tallahassee, Fla.....	S. A. L. . .	1,476	1,725	2.52	.....
	Total.....					17.25	.02

The last two columns must be totaled.

PERMITTED DISINFECTANT.

In accordance with the provisions of the department regulations governing the interstate movement of live stock (B. A. I. Order 245), the bureau has granted permission for the use of "Roger's 50% Cresol Solution Revised," manufactured by the Detroit White Lead Works of Chicago, Ill., as a substitute for compound solution of cresol, U. S. P., in the general disinfection of cars, yards, and other premises.

PUBLICATIONS IN DECEMBER.

[The bureau keeps no mailing list for sending publications to individual employees, but publications are sent in bulk to officers in charge for distribution to members of their forces. The number of copies sent varies with the subject or nature of the publication and the number and class of employees. Officers in charge will use their judgment and distribute publications to best advantage. So far as possible additional copies will be furnished on request.]

Farmers' Bulletin 913. Killing Hogs and Curing Pork. By F. G. Ashbrook and G. A. Anthony, Animal Husbandry Division. Pp. 40, figs. 22.

Report of the Chief of the Bureau of Animal Industry [for the fiscal year ended June 30, 1918]. Dated September 28, 1918. Pp. 63.

Amendment 1 to B. A. I. Order 262. Correcting error in the description of the Quarantined Area of Oklahoma. Pp. 1.

A Multiple Pipette Holder for the Distribution of Serum for the Complement-Fixation Test. By Francois H. Reynolds, Pathological Division. In Journal of Agricultural Research, Vol. XV, No. 11, December 16, 1918. P. 615-619.

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